

A U S T I N C I T Y C O U N C I L  
**AGENDA**



Thursday, May 18, 2006

*Item# 15*

Back

**Public Works**  
**RECOMMENDATION FOR COUNCIL ACTION**

**Subject:** Authorize an increase in the design-build agreement for the Austin-Bergstrom International Airport (ABIA) Terminal Baggage Screening Improvements with HENSEL PHELPS CONSTRUCTION CO., Austin, TX, of \$900,000, for a total amount not to exceed \$22,400,000.

**Amount and Source of Funding:** Funding in the amount of \$900,000 is included in the Fiscal Year 2005-2006 Capital Budget of the Aviation Department.

**Fiscal Note:** A fiscal note is attached.

**For More Information:** Charles Nolan 530-6304, Ron Gentry 530-6603, Laura Bohl 974-7064.

**Prior Council Action:** Approved the use and selection criteria of a Design/Build Contract as an alternative contract procurement process for the Terminal Baggage Screening Improvements at ABIA on July 17, 2003. Approved negotiation and execution of a design-build agreement with Hensel Phelps Construction Co. in an amount not to exceed \$14,500,000, on December 11, 2003. Authorized an increase in the design-build agreement for the ABIA Terminal Baggage Screening Improvements with Hensel Phelps Construction Co. of \$7,000,000, which, when added to the original approved amount of \$14,500,000, revised the agreement amount to an amount not to exceed of \$21,500,000, on February 3, 2005.

**Boards and Commission Action:** Recommended by the Austin Airport Advisory Commission.

**MBE/WBE:** 33.85% DBE participation to date (design phase); 6.20% DBE participation to date (construction phase).

<b>Additional Backup Material</b>
(click to open)
<input type="checkbox"/> <b>COMMISSION RECOMMENDATION</b>
<input type="checkbox"/> Aviation
<input type="checkbox"/> M/WBE SUB GOALS

This project consists of Design-Build services for the design and construction of the ABIA Terminal Baggage Screening Improvements. There are currently six Explosive Detection System (EDS) machines in use on the Concourse Level at ABIA to be replaced under this contract.

Construction of the project is nearing completion; however, as planning for the conveyor cutovers and initiation of service on the new system progressed, several unanticipated issues emerged. Approval of this increase will allow negotiation and execution of a change order to resolve those issues.

The unanticipated changes include having the contractor:

1. Provide additional personnel with security clearances to clear bag jams and provide rapid

maintenance response to the entire system during the cutover, thereby freeing Department of Aviation personnel for oversight and training;

2. Designing and implementing a process for identifying uncleared bags and associating them with the correct image from the screening equipment. It had been expected that Transportation Security Administration would provide software for this process but that software is not yet available;

3. Reprogramming to accommodate a recent City wide change in IP addressing procedures;

4. Reprogramming to consolidate the existing baggage conveyors and the new screening system into a single unified system for efficiency and ease of operation and maintenance;

5. Addition of CCTV cameras for enhanced security and bag jam responsiveness;

6. Correcting deviations from current codes noted during conveyor installation.

**AUSTIN AIRPORT ADVISORY COMMISSION  
Record of Action**

**DATE:** April 11, 2006

**AGENDA ITEM: 5 f)** Approval of RCA - Authorize increase in the design-build agreement for the Austin-Bergstrom International Airport (ABIA) Terminal Baggage Screening Improvements with HENSEL PHELPS CONSTRUCTION CO., Austin, Texas, of \$900,000.00, which, when added to the current authorized amount of \$21,500,000.00, will revise the agreement to an amount not to exceed \$22,400,000.00.

**MOTION BY:** Scott Madole

**SECOND BY:** Phil Williams

**MOTION:** To approve

<b>MEMBER'S NAME</b>	<b>FOR</b>	<b>AGAINST</b>	<b>ABSTAIN</b>	<b>MEMBER ABSENT</b>
<b>Richard Hatfield</b>	<b>X</b>			
<b>Bradford Hughes</b>				<b>X</b>
<b>Carolyn Lowe</b>			<b>X</b>	
<b>Scott Madole</b>	<b>X</b>			
<b>Hannah Riddering</b>	<b>X</b>			
<b>Phil Williams</b>	<b>X</b>			
<b>TOTALS:</b>	<b>For: 4</b>	<b>Against: 0</b>	<b>Abstain: 1</b>	<b>Absent: 1</b>

**RECORDED BY:** Richard Hatfield

**CIP BUDGET  
FISCAL NOTE**

**DATE OF COUNCIL CONSIDERATION:**  
**WHERE ON AGENDA:**  
**DEPARTMENT:**

**4-May-06  
Resolution  
Aviation**

**Description:** Authorize increase in the design-build agreement for the Austin-Bergstrom International Airport (ABIA) Terminal Baggage Screening Improvements with HENSEL PHELPS CONSTRUCTION CO., Austin, Texas, of \$900,000, which, when added to the current authorized amount of \$21,500,000, will revise the agreement to an amount not to exceed \$22,400,000.

**FINANCIAL INFORMATION:**

<b>Project Name:</b>	<b>ABIA Improvements</b>
<b>Project Authorization:</b>	<b>2005-06 Capital Budget</b>
<b>Funding Source:</b>	<b>Airport Capital Fund</b>
	<b>Passenger Facility Charges</b>
<b>Fund/Agency/Orgn:</b>	<b>4910-817-3072</b>

<b>Current Appropriation</b>	<b>\$ 23,393,270</b>
<b>Unencumbered Balance</b>	<b>1,203,210</b>
<b>Amount of this Action</b>	<b><u>(900,000)</u></b>
<b>Available Balance</b>	<b>\$ 303,210</b>

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Funding for the total Hensel Phelps Construction Co. contract for the ABIA Terminal Baggage Screening Improvements consist of (1) FAA grant, \$12,375,000. (2) Passenger Facility Charges, \$4,125,000, and (3) interim funding from the airport's Capital Fund.

<u>ACTION</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>
12/19/2003	Professional Services Agreement	\$14,500,000.00
2/3/2005	Increase in Authorized funding	\$ 7,000,000.00
Proposed	Increase in Authorized funding	\$ 900,000.00
		\$22,400,000.00

The contractor's choice of work methodology provides for 37 areas of subcontracting opportunities: administrative services, cost estimating, structural engineering, architectural consulting, architects & engineers, baggage simulations, city systems, graphic design, reproduction, baggage handling design, structural consulting, masonry, granite, structural steel & deck, paneling, fireproofing, aluminum doors, glazing film, terrazzo, carpet and resilient tile, scales, signage, fire protection, furnishings, fire alarm & security, radio, telecommunications, hoists, HVAC & plumbing, electrical, PA system, temporary relocations, DOC relocation, concrete, drywall, ceilings, doors, project controls, scheduling, and architectural finishes.

Participation goal stated for the Design Phase of the project was 20% DBE. Participation goal stated for the Construction Phase of the project was 20% DBE. Total participation estimated on this amendment is as follows:

<u>NON-DBE TOTAL – PRIME</u>	\$224,000.00	24.89%
Hensel Phelps Construction Co.	\$224,000.00	24.89%

**PROFESSIONAL SERVICES-DESIGN PHASE**

<u>DBE TOTAL – SUBCONSULTANTS</u>	\$117,000.00	13.00%
(MB) Haynes-Eaglin-Waters, Austin, TX (admin services)	\$ 87,000.00	9.66%
(MH) DAVCAR Engineering, Austin, TX (scheduling)	\$ 15,000.00	1.67%
(FR) Dynamic Reproductions, Austin, TX (reproduction)	\$ 15,000.00	1.67%
<u>NON-DBE TOTAL – SUBCONSULTANTS</u>	\$54,000.00	6.00%
Page Southerland Page, Austin, TX (architects & engrs)	\$14,000.00	1.56%
BNP Associates, Denver, CO (baggage handling)	\$40,000.00	4.44%

Overall participation for the design phase including this amendment: 33.86% DBE.

**CONSTRUCTION-PHASE**

<u>DBE TOTAL – SUBCONTRACTORS</u>	\$0.00	0.00%
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<b>NON M/WBE TOTAL – SUBCONTRACTORS</b>	<b>\$505,000.00</b>	<b>56.11%</b>
Austin Coatings, Austin, TX (painting)	\$ 8,000.00	0.89%
Simplex Grinnell, (fire protection)	\$ 67,000.00	7.44%
Siemens Logistics (baggage handling system)	\$ 430,000.00	47.78%

Overall participation for the construction phase including this amendment: 6.20% DBE.

As the requested increase to the Agreement allows for negotiation of the change order, the amounts shown above are close estimates but will be adjusted pending negotiation results to stay within the authorized funds.